In this lecture I’m going to give you an overview of PyTest. I’ll explain exactly what it is and go over its major features. Then I’ll show you a quick example.

* So what is PyTest?
* PyTest is a python unit testing framework.
* It provides the ability to create Tests, Test Modules, Test Classes, and Test Fixtures.
* It uses the built-in python assert statement which makes implementing unit tests much simpler than other frameworks.
* It also adds many useful command line arguments to help specify what tests should be run and in what order.

# Creating a Test

# test\_SomeFunction.py def test\_SomeFunction():

assert 1 == 1

## Tests are python functions with “test” at the beginning of the function name.

* + Tests do verification of values using the standard python assert statement.

## Similar tests can be grouped together by including them in the same module or class.

* How do you create a unit test in Python with Pytest?
* In pytest, individual tests are python functions with “test\_” at the beginning of the function name.
* The unit tests then execute production code and use the standard python assert statement to perform verifications on results.
* Similar tests can be grouped together by including them in the same module or class.
* Lets look at a quick example.